



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8033

SERIAL NUMBER 10/004,126	FILING DATE 12/04/2001 RULE	CLASS 707	GROUP ART UNIT 2162	ATTORNEY DOCKET NO. 10001-30614
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

APPLICANTS

Andrew Duke, Franklin, MA;
 George Stephens, Linthicum, MD;

** CONTINUING DATA ***** No *****

** FOREIGN APPLICATIONS ***** No *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 01/02/2002

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY MA	SHEETS DRAWING 3	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 3
---	---	---------------------------	------------------------	-----------------------	----------------------------

Verified and Acknowledged
 Examiner's Signature: *Fred E. Hichmeyer* Initials: *FEH*

ADDRESS
 22930
 HOWREY LLP
 C/O IP DOCKETING DEPARTMENT
 2941 FAIRVIEW PARK DR, SUITE 200
 FALLS CHURCH, VA
 22042-2924

TITLE
 Method and apparatus for storing and updating information in a multi-cast system

FILING FEE RECEIVED 1328	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue)
------------------------------------	---	--